

Work Order ID 130561

Monday, March 16, 2015 11:10:05 AM

130561

Page 1

Item ID: D066-1003-011L08

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: R66 Cabin Floor Protector - Clear

Stop ***NS2***

Start Date: 3/16/2015 Start Qty: 2.00

2

Cust Item ID:

Required Date: 3/16/2015 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: MLS Date: 1503-16

Tooling:

Date:

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN-D066-1003	B

DAS
27
0-00

MLS 1505-06

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D066-1003-011L08 CHG002

MAY 06 2015

DAS
06
0-00

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

2X

DAS
27
0-00
MAY 06 2015

SP

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

MAY 06 2015

DAS
03
0-00

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Work Order ID 130561

Monday, March 16, 2015 11:10:05 AM

130561

Page 2

Item ID: D066-1003-011L08 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: R66 Cabin Floor Protector - Clear
 Start Date: 3/16/2015 Start Qty: 2.00 ***2*** Cust Item ID:
 Required Date: 3/16/2015 Req'd Qty: 2.00 ***2*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D066-1003-011L08								
	Location: <u>117</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

2 MAY 06 2015 **DAS**
06
9-93

MCS MAY 06 2015

MCS MAY 06 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Monday, March 16, 2015 11:10:09 AM

Page 1

Work Order ID: 130561

130561

Parent Item: D066-1003-011L08

D066-1003-011L08

Parent Item Name: R66 Cabin Floor Protector - Clear

Start Date: 3/16/2015

Required Date: 3/16/2015

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A 14.02.05 NEW ISSUE DD VERF:JLM IPP Rev. B
14/07/02 Parts list updated. DL IPP REV:C 15.02.1 AS
PER IIN REV.B DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3580-3 *D3580-3* Joggle Bracket		Manufactured	No				Each	27.0000	6 **	12		DAS 26 9-89	
					<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>						
					ST050	27							
					125083	27			6	12			
MS21059L3 *MS21059L3* Nut Plate		Purchased	No				Each	233.0000	**	12		DAS 26 9-89	
					<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>						
					CA	16							
					M129682	16							
					GA	11							
					113749	3							
					M130823	8							
					ST303	206							
					M131616	206			1	12			
D4941-1L08 *D4941-1L08* Floor Protector, Fwd LH, (Clear)		Manufactured	No				Each	0.0000	B130555 **	2		DAS 26 9-89	
D4941-2L08 *D4941-2L08* Floor Protector, Fwd RH, (Clear)		Manufactured	No				Each	0.0000	B130556 **	2		DAS 26 9-89	
D4941-3L08 *D4941-3L08* Floor Protector, Aft LH, (Clear)		Manufactured	No				Each	0.0000	B130557 **	2		DAS 26 9-89	

MAY 04 2015

MAY 04 2015

MAY 04 2015

MAY 04 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
--	--	---

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Monday, March 16, 2015 11:10:09 AM

Page 2

Work Order ID: 130561

130561

Parent Item: D066-1003-011L08

D066-1003-0111 08

Parent Item Name: R66 Cabin Floor Protector - Clear

Start Date: 3/16/2015

Required Date: 3/16/2015

Start Qty: 2.00

Required Qty: 2.00

D4941-4L08

Manufactured No

Each 0.0000

DAS

68-6
92
SVD

D4941-4L 08

DAS

Floor Protector, Aft RH, (Clear)

85

B3058 **

2

DAS
27
9-89

AN525-10R8

Purchased No

Each 76.0000

12

DAS
27
9-89

68-6
92
SVD

AN525-10R8

Screw

**

DAS
85
9-89

Location

Loc Qty

Loc Code

ST329

76

m129163

76

6

12

MS20426AD3-4

Purchased No

Each 5,108.000

24

**

DAS
27
9-89

68-6
92
SVD

MS20426AD3-4

RIVET

DAS
86
9-89

Location

Loc Qty

Loc Code

CA

12

125578

12

MF4

19

125578

19

ST312A

4000

m131697

4000

ST313

1077

m127432

1077

MAY 04 2015

24

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
		☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge
		☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other

DAS
03
9-99

4.0 WEIGHT AND BALANCE

The following is the weight increase associated with the D066-1003-XXX kits. Be sure to subtract the weight of any parts removed.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D066-1003-011L02 Cabin Floor Protector (Black Lexan Sheet)	6.7 lb 3.0 kg	0.10 in 0.00 m	0.67 in-lb 0.00 m-kg	43.72 in 1.11m	293 in-lb 3.33 m-kg
D066-1003-011L08 Cabin Floor Protector (Clear Lexan Sheet)	6.7 lb 3.0 kg	0.10 in 0.00 m	0.67 in-lb 0.00 m-kg	43.72 in 1.11m	293 in-lb 3.33 m-kg
D066-1003-013 Baggage Compartment Protectors	16.5 lb 7.5 kg	3.29 in 0.08 m	54 in-lb 0.60 m-kg	104.35 in 2.65 m	1721 in-lb 19.88 m-kg

5.0 PARTS LIST

Qty -011 L02	Qty -011 L08	Qty -013	Part Number	Description
X			D066-1003-011L02	CABIN FLOOR PROTECTORS (BLACK)
	X		D066-1003-011L08	CABIN FLOOR PROTECTORS (CLEAR)
		X	D066-1003-013	BAGGAGE COMPARTMENT PROTECTORS
1			D4941-1L02	FLOOR PROTECTOR, FWD LH
	1		D4941-1L08	FLOOR PROTECTOR, FWD LH
1			D4941-2 L02	FLOOR PROTECTOR, FWD RH
	1		D4941-2 L08	FLOOR PROTECTOR, FWD RH
1			D4941-3 L02	FLOOR PROTECTOR, AFT LH
	1		D4941-3 L08	FLOOR PROTECTOR, AFT LH
1			D4941-4 L02	FLOOR PROTECTOR, AFT RH
	1		D4941-4 L08	FLOOR PROTECTOR, AFT RH
		1	D4942-1	FLOOR PROTECTOR
		1	D4942-3	FORWARD WALL PROTECTOR
		1	D4942-7	LH WALL PROTECTOR
		1	D4942-9	DOOR PROTECTOR
		2	D4967-1	BRACKET
6	6		D3580-3	JOGGLE BRACKET
		3	D3580-5	JOGGLE BRACKET
		1	D5119-1	PLACARD
		1	D5120-1	PLACARD
6	6		AN525-10R8	SCREW
		10	AN525-10R9	SCREW
		8	CS62-1032-8CR	STUD, CLICK BOND
		3	AN970-3	WASHER
		8	MS21042-3	NUT, SELF LOCKING
		5	CB 200	3.5G ACRYLIC ADHESIVE
6	6	10	MS21059L3	NUTPLATE
12	12	20	MS20426AD3-4	RIVET